

5 REAGENTS AND METHODS USEFUL FOR DETECTING
 DISEASES OF THE PROSTATE

10 Abstract of the Disclosure

 A set of contiguous and partially overlapping cDNA sequences and
polypeptides encoded thereby, designated as PS116 and transcribed from prostate
tissue, is described. These sequences are useful for the detecting, diagnosing,
15 staging, monitoring, prognosticating, in vivo imaging, preventing or treating, or
determining the predisposition of an individual to diseases and conditions of the
prostate, such as prostate cancer. Also provided are antibodies which specifically
bind to PS116-encoded polypeptide or protein, and agonists or inhibitors which
prevent action of the tissue-specific PS116 polypeptide, which molecules are
20 useful for the therapeutic treatment of prostate diseases, tumors or metastases.

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